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 Met Ser Ile Ala Val Ser Glu Glu Ala Lys Ala Val Glu Gly Leu
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 aat gat tat cta tct gtt gaa gaa gtg gag acg atc tat att ccg ctt 96
 Asn Asp Tyr Leu Ser Val Glu Val Glu Thr Ile Tyr Ile Pro Leu
 20 25 30

 gtt cgc ttg ctt cat tta cat gtc aag tct gcg gct gaa cgc aat aag 144
 Val Arg Leu Leu His Leu His Val Lys Ser Ala Ala Glu Arg Asn Lys
 35 40 45

 cat gtc aat gtt ttt ttg aag cac cca cat tca gcc aaa att ccg ttt 192
 His Val Asn Val Phe Leu Lys His Pro His Ser Ala Lys Ile Pro Phe
 50 55 60

 att atc ggc att gcc ggc agt gtc gca gtc gga aaa agc acg acg gcg 240
 Ile Ile Gly Ile Ala Gly Ser Val Ala Val Gly Lys Ser Thr Thr Ala
 65 70 75 80

 cggtt cttt 288
 Arg Ile Leu Gln Lys Leu Leu Ser Arg Leu Pro Asp Arg Pro Lys Val
 85 90 95

 agc ctt atc acg aca gat ggt ttt tta ttt cct act gcc gag ctg aaa 336
 Ser Leu Ile Thr Thr Asp Gly Phe Leu Phe Pro Thr Ala Glu Leu Lys
 100 105 110

 aag aaa aat atg atg tca aga aaa gga ttt cct gaa agc tat gat gta 384
 Lys Lys Asn Met Met Ser Arg Lys Gly Phe Pro Glu Ser Tyr Asp Val
 115 120 125

 aag gcg ctg ctc gaa ttt ttg aat gac tta aaa tca gga aag gac agc 432
 Lys Ala Leu Leu Glu Phe Leu Asn Asp Leu Lys Ser Gly Lys Asp Ser
 130 135 140

 gta aag gcc ccg gtg tat tcc cat cta acc tat gac cgc gag gaa ggt 480
 Val Lys Ala Pro Val Tyr Ser His Leu Thr Tyr Asp Arg Glu Glu Gly
 145 150 155 160

 gtg ttc gag gtt gta gaa cag gcg gat att gtg att att gaa ggc att 528
 Val Phe Glu Val Val Glu Gln Ala Asp Ile Val Ile Ile Glu Gly Ile
 165 170 175

 aat gtt ctt cag tcg ccc acc ttg gag gat gac cgg gaa aac ccg cgt 576
 Asn Val Leu Gln Ser Pro Thr Leu Glu Asp Asp Arg Glu Asn Pro Arg
 180 185 190

 att ttt gtt tcc gat ttc ttt gat ttt tcg att tat gtg gat gcg gag 624
 Ile Phe Val Ser Asp Phe Phe Asp Phe Ser Ile Tyr Val Asp Ala Glu
 195 200 205

gaa agc cgg att ttc act tgg tat tta gag cgt ttt cgc ctg ctt cgg Glu Ser Arg Ile Phe Thr Trp Tyr Leu Glu Arg Phe Arg Leu Leu Arg 210 215 220	672	
gaa aca gct ttt caa aat cct gat tca tat ttt cat aaa ttt aaa gac Glu Thr Ala Phe Gln Asn Pro Asp Ser Tyr Phe His Lys Phe Lys Asp 225 230 235 240	720	
ttg tcc gat cag gag gct gac gag atg gca gcc tcg att tgg gag agt Leu Ser Asp Gln Glu Ala Asp Glu Met Ala Ala Ser Ile Trp Glu Ser 245 250 255	768	
gtc aac cgg ccg aat tta tat gaa aat att ttg cca act aaa ttc agg Val Asn Arg Pro Asn Leu Tyr Glu Asn Ile Leu Pro Thr Lys Phe Arg 260 265 270	816	
tca gat ctc att ttg cgt aag gga gac ggg cat aag gtc gag gaa gtg Ser Asp Leu Ile Leu Arg Lys Gly Asp Gly His Lys Val Glu Glu Val 275 280 285	864	
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gaa cgc aat aag cat gtc aat gtt ttt ttg aag cac cca cat tca gcc Glu Arg Asn Lys His Val Asn Val Phe Leu Lys His Pro His Ser Ala 35 40 45		144
aaa att ccg ttt att atc ggc att gcc ggc agt gtc gca gtc gga aaa Lys Ile Pro Phe Ile Ile Gly Ile Ala Gly Ser Val Ala Val Gly Lys 50 55 60		192
agc acg acg gcg cgg atc ttg cag aag ctg ctt tcg cgt ttg cct gac Ser Thr Thr Ala Arg Ile Leu Gln Lys Leu Ser Arg Leu Pro Asp 65 70 75 80		240
cgt cca aaa gtg agc ctt atc acg aca gat ggt ttt tta ttt cct act Arg Pro Lys Val Ser Leu Ile Thr Thr Asp Gly Phe Leu Phe Pro Thr 85 90 95		288
gcc gag ctg aaa aag aaa aat atg atg tca aga aaa gga ttt cct gaa Ala Glu Leu Lys Lys Asn Met Met Ser Arg Lys Gly Phe Pro Glu		336

100	105	110	
agc tat gat gta aag gcg ctg ctc gaa ttt ttg aat gac tta aaa tca Ser Tyr Asp Val Lys Ala Leu Leu Glu Phe Leu Asn Asp Leu Lys Ser			384
115	120	125	
gga aag gac agc gta aag gcc ccg gtg tat tcc cat cta acc tat gac Gly Lys Asp Ser Val Lys Ala Pro Val Tyr Ser His Leu Thr Tyr Asp			432
130	135	140	
cgc gag gaa ggt gtg ttc gag gtt gta gaa cag gcg gat att gtg att Arg Glu Gly Val Phe Glu Val Val Glu Gln Ala Asp Ile Val Ile			480
145	150	155	160
att gaa ggc att aat gtt ctt cag tcg ccc acc ttg gag gat gac cgg Ile Glu Gly Ile Asn Val Leu Gln Ser Pro Thr Leu Glu Asp Asp Arg			528
165	170	175	
gaa aac ccg cgt att ttt gtt tcc gat ttc ttt gat ttt tcg att tat Glu Asn Pro Arg Ile Phe Val Ser Asp Phe Phe Asp Phe Ser Ile Tyr			576
180	185	190	
gtg gat gcg gag gaa agc cgg att ttc act tgg tat tta gag cgt ttt Val Asp Ala Glu Glu Ser Arg Ile Phe Thr Trp Tyr Leu Glu Arg Phe			624
195	200	205	
cgc ctg ctt cgg gaa aca gct ttt caa aat cct gat tca tat ttt cat Arg Leu Leu Arg Glu Thr Ala Phe Gln Asn Pro Asp Ser Tyr Phe His			672
210	215	220	
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225	230	235	240
att tgg gag agt gtc aac cgg ccg aat tta tat gaa aat att ttg cca Ile Trp Glu Ser Val Asn Arg Pro Asn Leu Tyr Glu Asn Ile Leu Pro			768
245	250	255	
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48			